



# **NMCI Operations Brief**

**Presented by**

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**Commander**

**Naval Network and Space Operations  
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# **Naval Network & Space Operations Command Vision**

**Naval Network & Space Operations Command will enable naval forces to use information and space technologies and expertise to achieve and maintain knowledge superiority essential for dominating the battle space.**



# Naval Network & Space Operations Command Mission



Operate and maintain the Navy's global telecommunications, information and space systems and services to directly support operations, training and education, and to promote innovative solutions to the warfighter.



# NNSOC Profile

- **Established July 2002**
  - **Merger of Naval Space Command & Naval Network Operations Command**



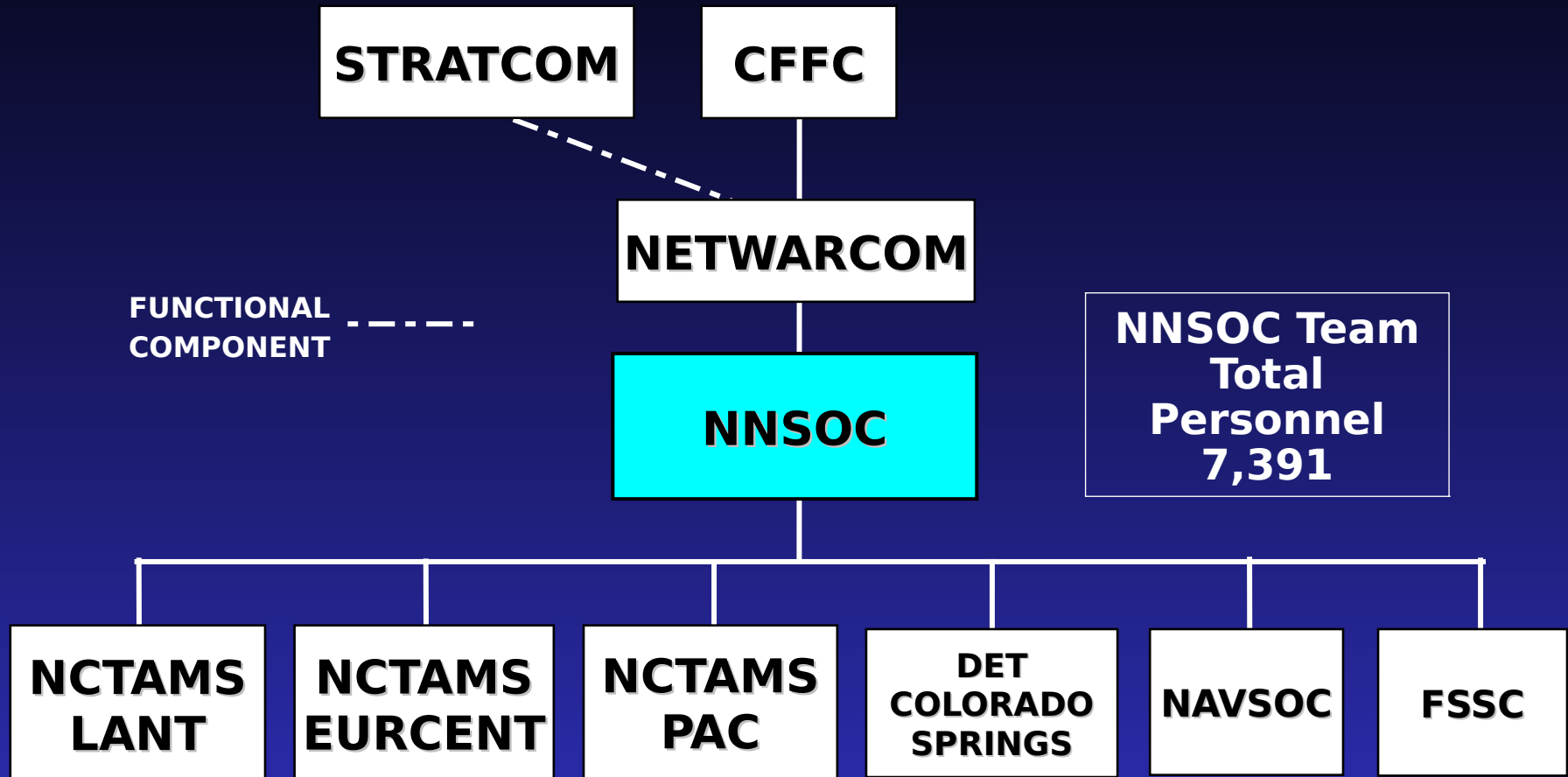
- **Headquartered in Dahlgren, VA**
  - **490 officers, enlisted, civilian personnel**
  - **Naval Network & Space Operations Center**
    - **Maintain 24/7 watch**
    - **Global Fleet support**
    - **Alternate Space Control Center Function**







# Organizational Overview





# **NNSOC Support for NAVNETWARCOM**

- NNSOC is the operational arm of NETWARCOM for network and space operations
- NETWARCOM is the leading advocate for network and space requirements and innovation
- NNSOC supports NETWARCOM IT community training and education initiatives



# **NNSOC's Role in NMCI Network Operations**

**24/7 Global Network Operations Center (GNOC)  
Detachment Norfolk supporting over 82,000 users with  
310,000 planned by end of CY03**

## **NNSOC teams with:**

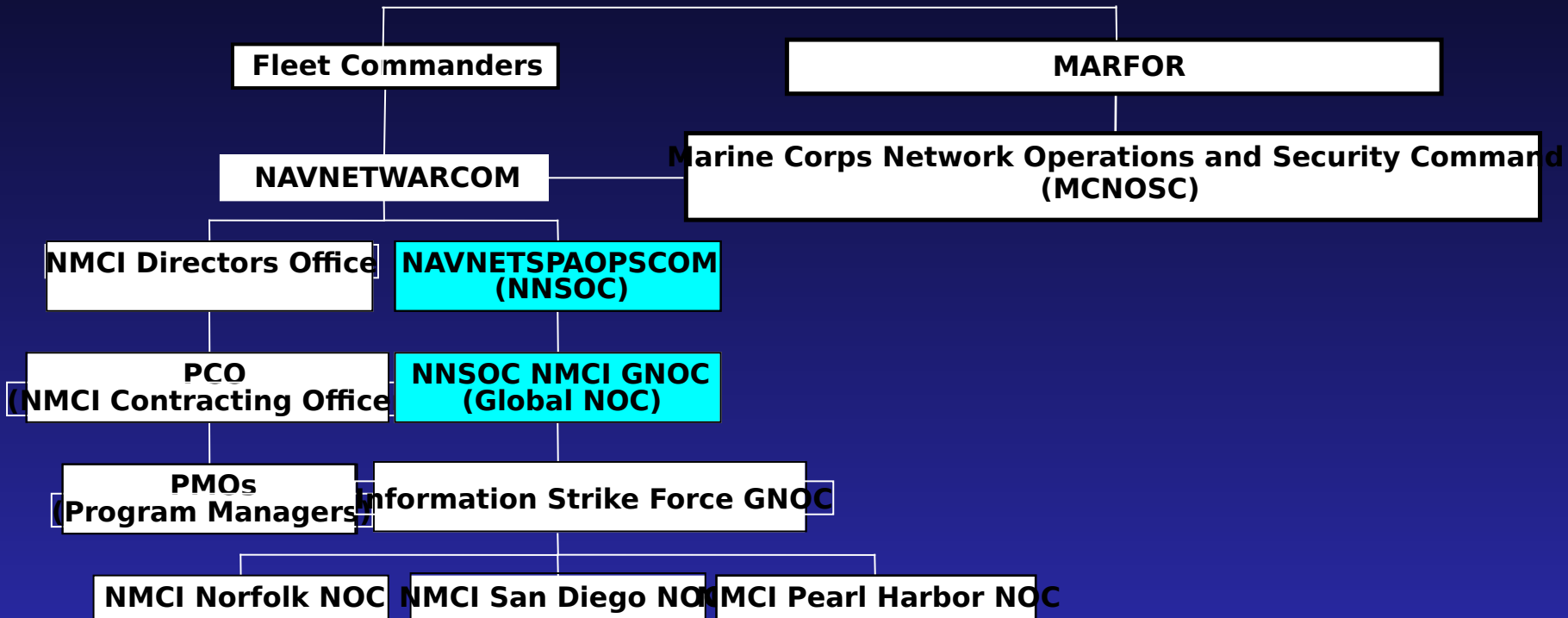
- Director NMCI for NMCI cutovers & installs**
- SPAWAR PMW-161 for contract issues**

## **NNSOC NMCI roles**

- Operational Direction in support of Fleet Commanders**
- Supports NETWARCOM NMCI Governance process**
- Maintains NMCI Security oversight**
- Manages Sea Shore Rotation (SSR)**



# NMCI Operational Relationships







# NMCI Governance

- **Stake Holder's Council (SHC)**
  - **Co-chairs NAVNETWARCOM & HQMC C4**
    - **Meets twice per month**
    - **Purpose :**
      - **Forum for DoN claimants & major commands**
      - **Enterprise level review & approval of NMCI requirements**
      - **Enterprise level review & approval of NMCI resource priorities**
      - **Review and approve :**
        - » **Policy**
        - » **Standards**
        - » **Architecture**
        - » **Applications**
        - » **Planning process results**



# **NMCI Security roles**

- **Administration (NAVNETWARCOM)**
  - **Designated Approval Authority (DAA)**
    - Establishes policies and procedures for all Navy networks
    - Approves Certification and Accreditation of the network
- **Operations (NNSOC)**
  - **Operationally directs the contractor**
    - Implement Information Assurance Vulnerabilities-Alerts / Bulletins / Technical Advisories (IAV-A / B / TA)
    - Change Information Conditions (INFOCON)
  - **Ensures adherence to DoD/DoN security policy**
  - **Manages contractor's responses to security incidents**



# NMCI Sea Shore Rotation (SSR)

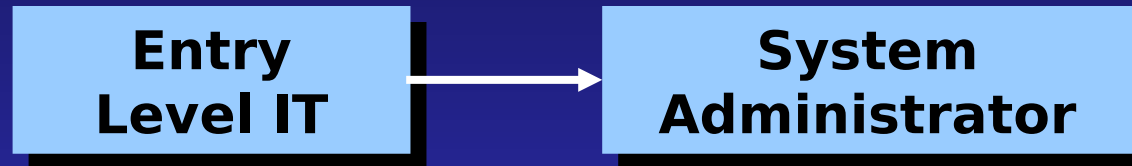
- **Shore Duty** : Place for Information Technology (IT) ratings ashore displaced by NMCI
- **Contractual** : Provide latest commercial IT training & certification & Integrate Sailors & Marines at Network Operations Centers
- **Current Readiness** : Highly trained, professionally certified, and experienced Sailors to run Network Operations Center -- increases capability, decreases response time, & increases readiness of Navy & USMC under NMCI
- **Future Readiness** : Return IT21 “Top Guns” to



# SSR - Training Evolution...

In the beginning, NMCI SSR Program :

- Unqualified ITs coming in (0000 NEC)
- Contractor expending resources to provide basic skills
- Not returning highly skilled ITs to the Fleet



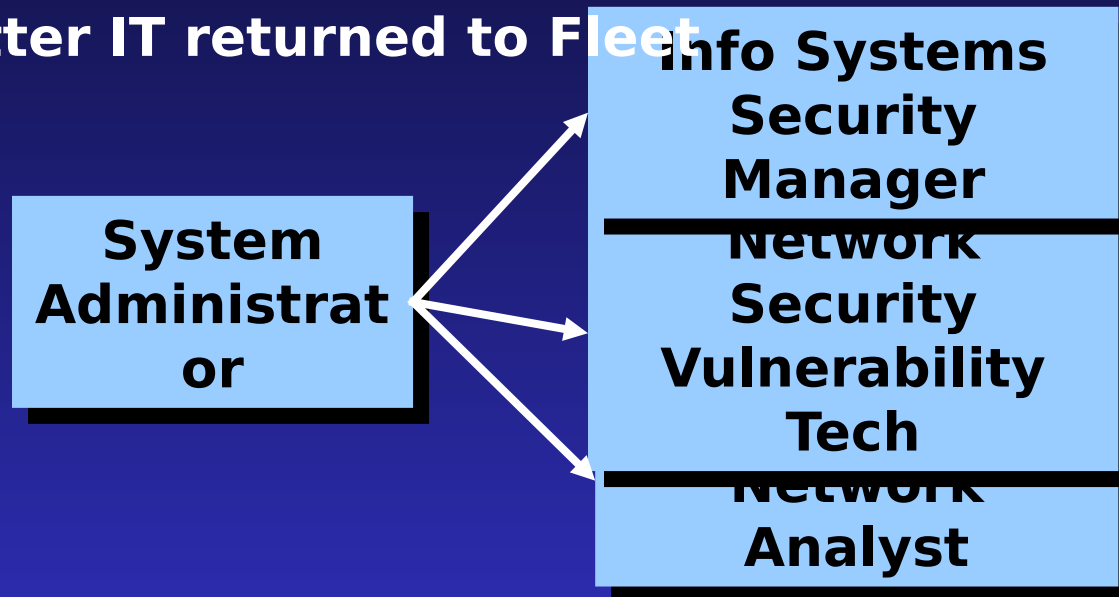
***Broken : Not working for contractor;  
not working for the Navy***



# SSR - Training Evolution...

Currently NNSOC is implementing a baseline plan :

- Only qualified ITs accepted (System Administrator - 2735 NEC)
- Learning skills to be of real value to Navy
- Much better IT returned to Fleet



***Better : but still focused on Navy unique skill sets***



# SSR - Training Evolution...

## Added 5 Vector Model Concept

- Commercial Certifications & Qualifications
- Professional Development
- Personal Development
- Performance
- Professionalism

**MS Certified Pro  
CompTIA A+  
CompTIA N+**



**CompTIA Security +  
Cisco Cert Security  
Pro**

**Admin**

**Cisco Certified:  
Network Associate  
Network  
Professional  
Internetwork  
Engineer**

***SSR training returns Sailors  
to the Fleet with state-of-the-  
art skills & industry standard  
certifications***

***... all at ZERO additional***





# Summary

## **NNSOC**

- Coordinates Fleet NMCI requirements**
- Supports NAVNETWARCOM NMCI governance efforts**
- Directs NMCI network and security operations**
- Oversees SSR manpower, personnel, & training**



# Back ups